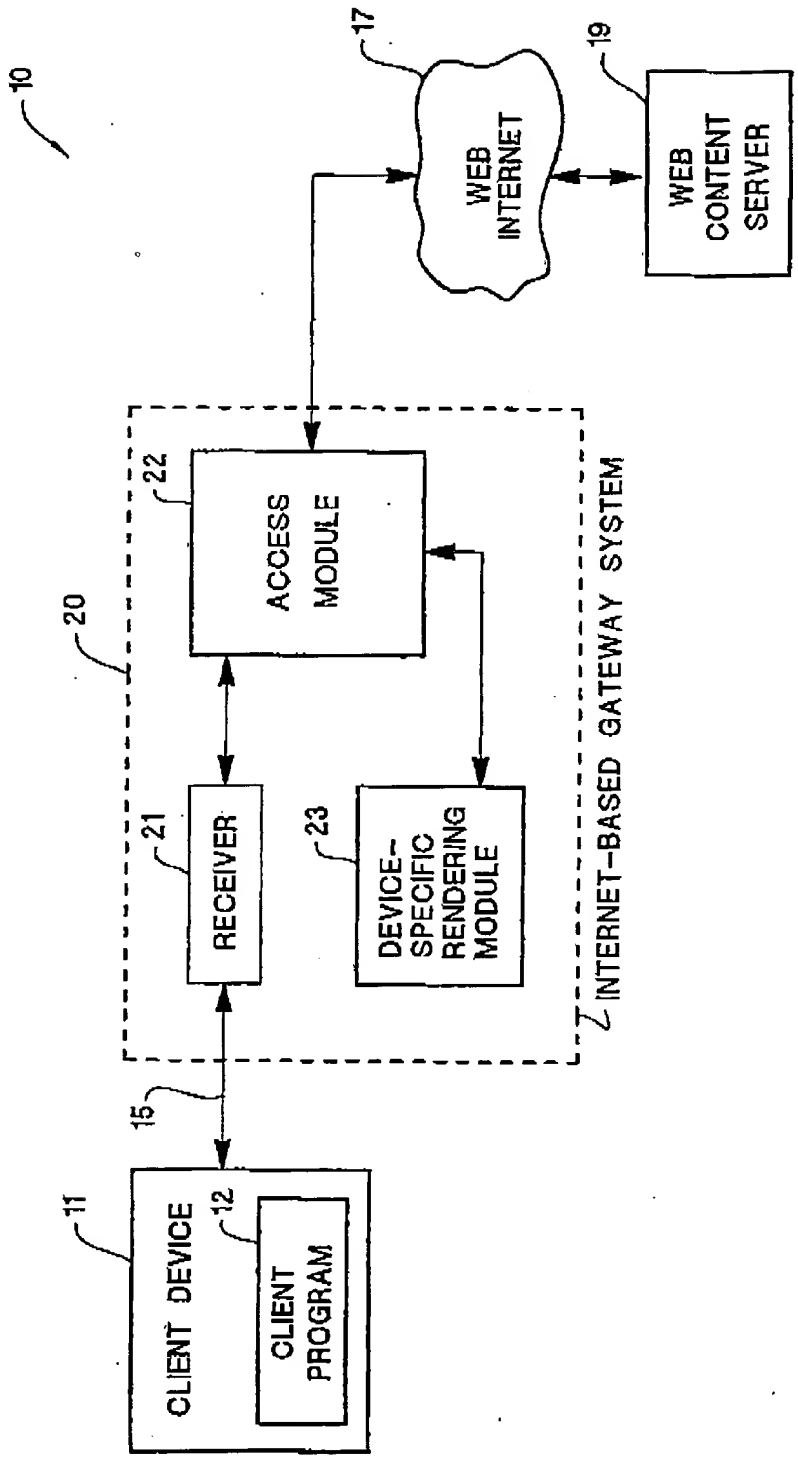
10
17
WEB INTERNET
19
WEB CONTENT SERVER
22
ACCESS MODULE
20
INTERNET-BASED GATEWAY SYSTEM
21
RECEIVER
23
DEVICE-SPECIFIC RENDERING MODULE
15
11
CLIENT DEVICE
12
CLIENT PROGRAM

Figure 1

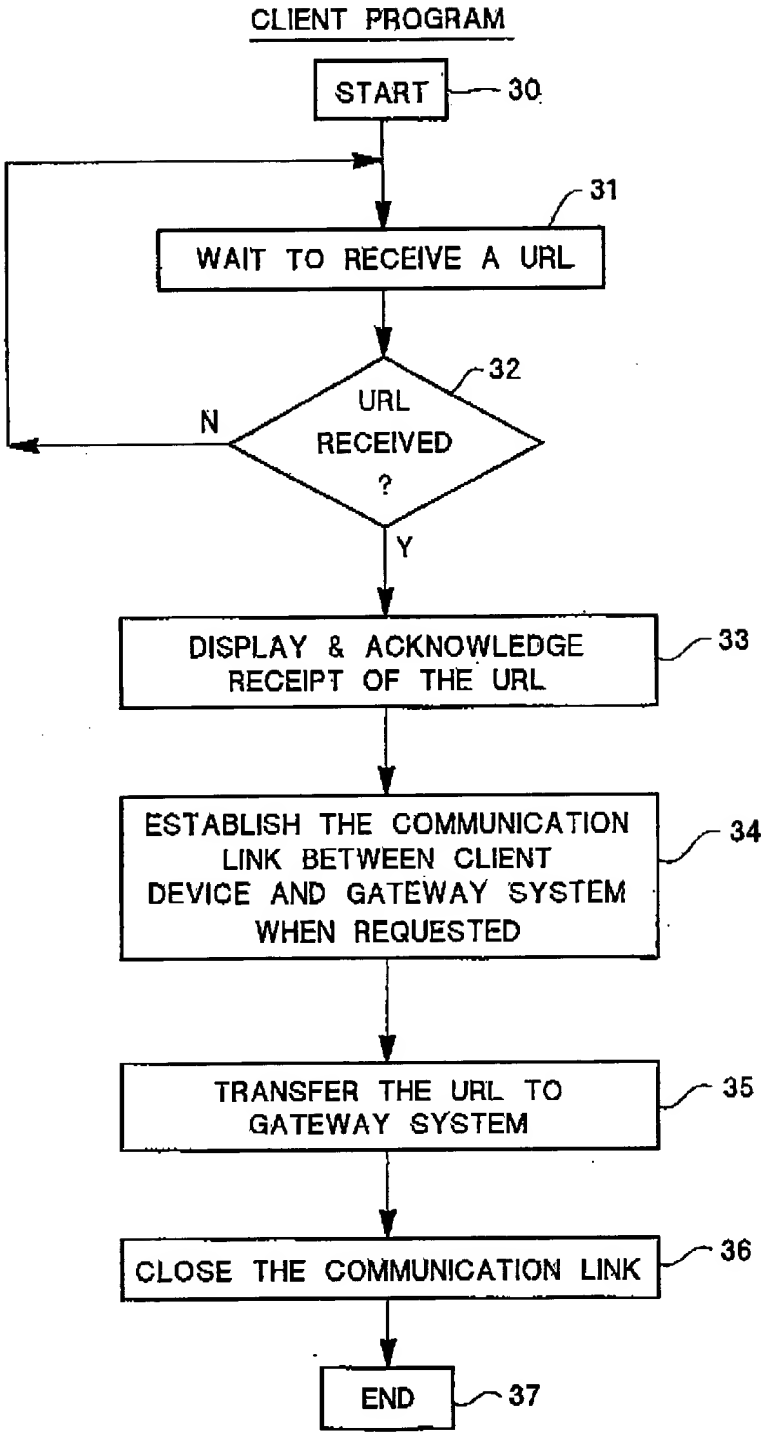
CLIENT PROGRAM
START
30
31
WAIT TO RECEIVE A URL
32
URL RECEIVED ?
N
Y
DISPLAY & ACKNOWLEDGE RECEIPT OF THE URL
33
ESTABLISH THE COMMUNICATION LINK BETWEEN CLIENT DEVICE AND GATEWAY SYSTEM WHEN REQUESTED
34
TRANSFER THE URL TO GATEWAY SYSTEM
35
CLOSE THE COMMUNICATION LINK
36
END
37

Figure 2

RECEIVER

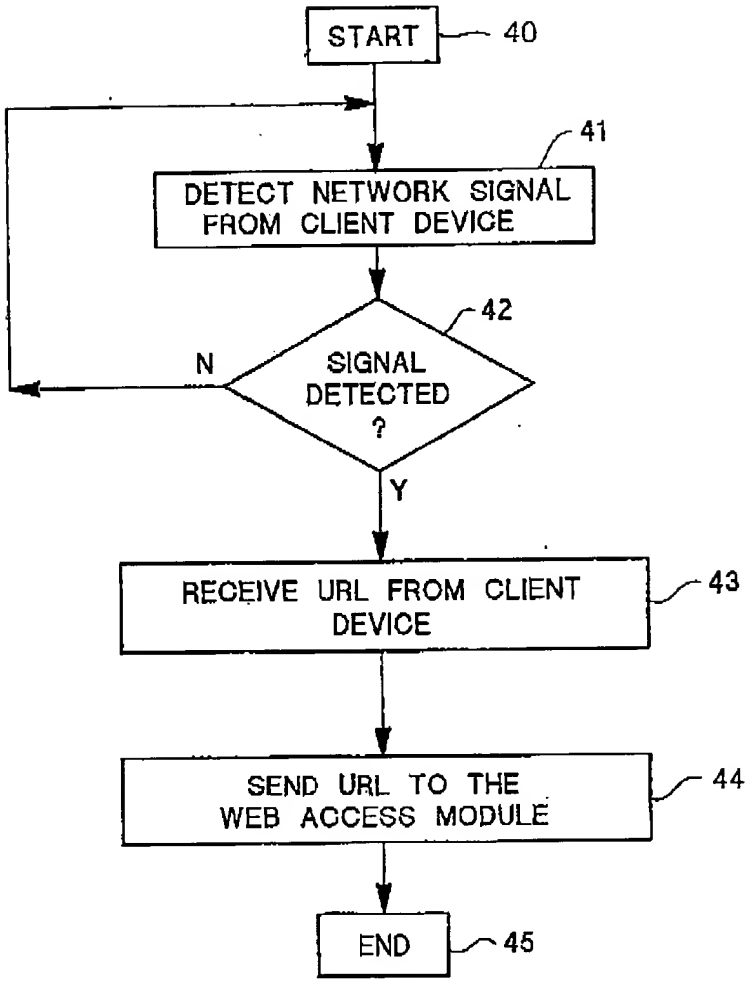

Figure 3

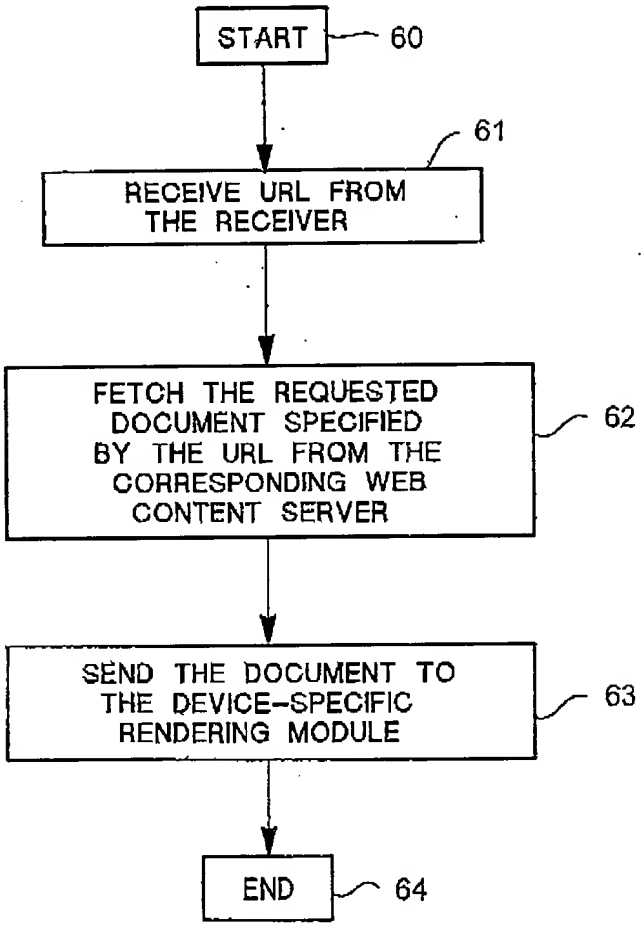
WEB ACCESS MODULE
START
60
61
RECEIVE URL FROM THE RECEIVER
FETCH THE REQUESTED DOCUMENT SPECIFIED BY THE URL FROM THE CORRESPONDING WEB CONTENT SERVER
62
SEND THE DOCUMENT TO THE DEVICE-SPECIFIC RENDERING MODULE
63
END
64

Figure 4

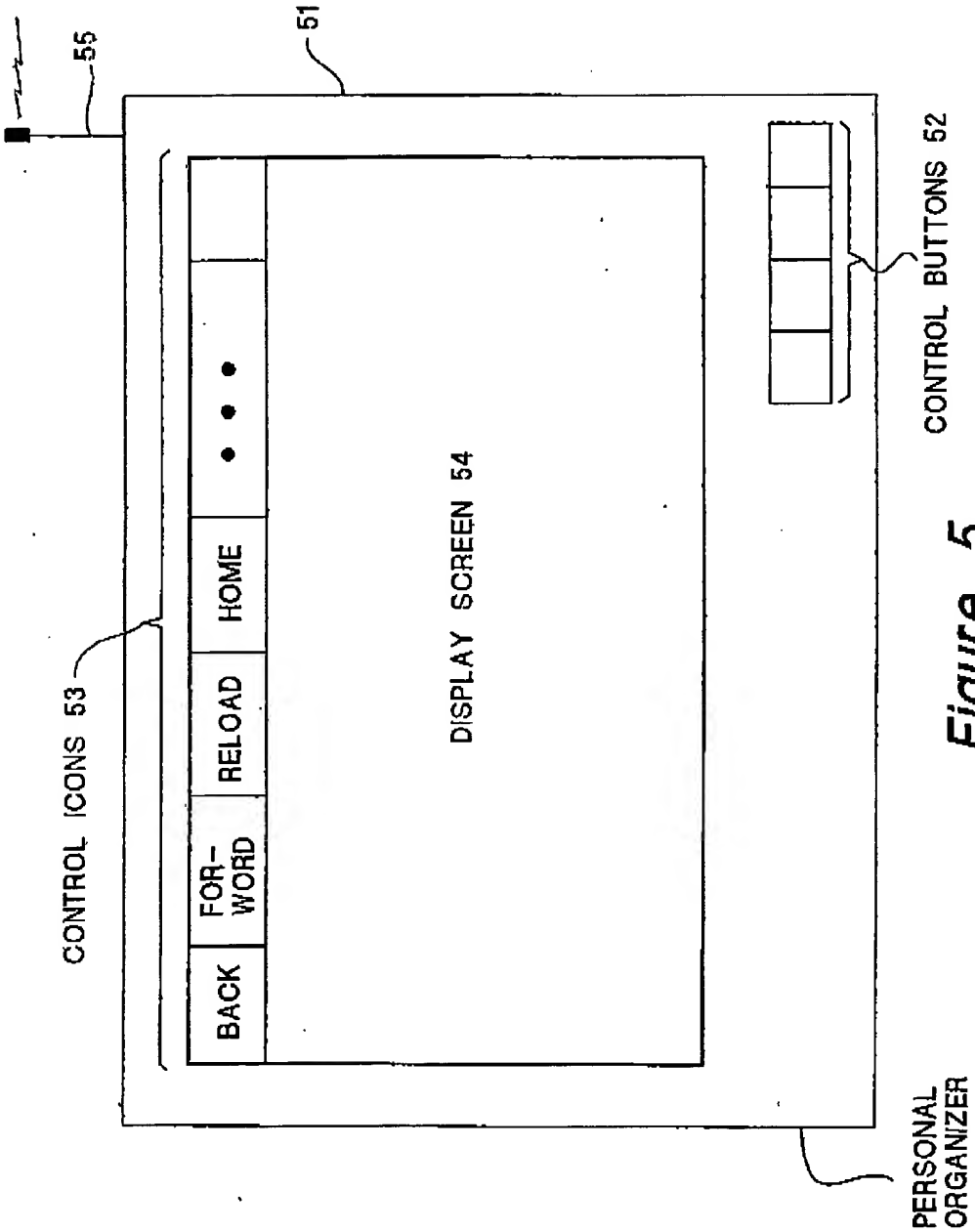
55
51
CONTROL BUTTONS 52
CONTROL ICONS 53
BACK
FOR-WORD
RELOAD
HOME
DISPLAY SCREEN 54
PERSONAL ORGANIZER

Figure 5

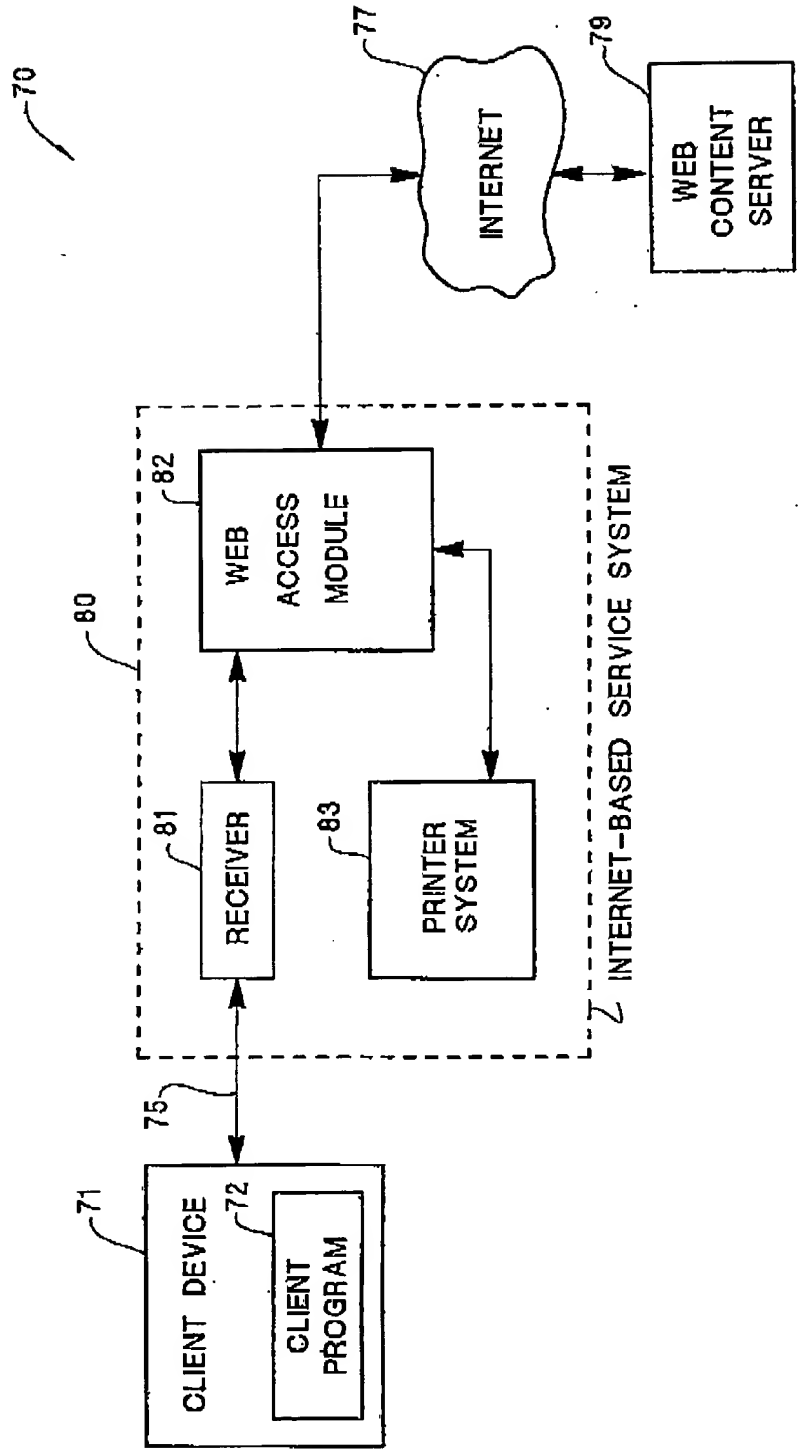
70
77
INTERNET
79
WEB CONTENT SERVER
82
WEB ACCESS MODULE
80
INTERNET-BASED SERVICE SYSTEM
81
RECEIVER
83
PRINTER SYSTEM
75
71
CLIENT DEVICE
72
CLIENT PROGRAM

Figure 6